



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 85 45 08

Classification of the application (IPC):
H04L 5/00

Technical fields searched (IPC):
H04L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	NOKIA ET AL: "Discussion on PT-RS design for CP-OFDM", 3GPP DRAFT; R1-1711308, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 26 June 2017 (2017-06-26), vol. RAN WG1, no. Qingdao, P.R. China; 20170627 - 20170630 URL: http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/ [retrieved on 26 June 2017 (2017-06-26)] XP051300502 * the whole document *	1-15
X	NATIONAL INSTRUMENTS: "Discussion on explicit and implicit signaling for PT-RS", 3GPP DRAFT; R1-1708272 DISCUSSION ON EXPLICIT AND IMPLICIT SIGNALING FOR PT-RS_FINAL, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANT, 14 May 2017 (2017-05-14), vol. RAN WG1, no. Hangzhou; 20170515 - 20170519 URL: http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/ [retrieved on 14 May 2017 (2017-05-14)] XP051273465 * the whole document *	1-15
E	EP 3579515 A1 (SHARP KK [JP]; FG INNOVATION CO LTD [CN]) 11 December 2019 (2019-12-11) * paragraph [0074] - paragraph [0089]; figure 10 *	1, 2, 7, 13, 14
E	WO 2019096919 A1 (ERICSSON TELEFON AB L M [SE]) 23 May 2019 (2019-05-23) * the whole document *	1, 7, 13, 14

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 11 September 2020	Examiner D'Alessandro, S
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CATEGORY OF CITED DOCUMENTS

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Application number:
EP 18 85 45 08

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X,P	ERICSSON: "RRC parameters for PTRS", 3GPP DRAFT; R1-1719071, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 17 October 2017 (2017-10-17), vol. RAN WG1, no. Prague, CZ; 20171009 - 20171013 URL: http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_90b/Docs/XP051353613 [retrieved on 17 October 2017 (2017-10-17)] XP051353613 * the whole document *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 11 September 2020	Examiner D'Alessandro, S
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| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
| & : member of the same patent family, corresponding document | L: document cited for other reasons |

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Application number:
EP 18 85 45 08

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